

# Phospho-INSR-Y1150/IGF1R-Y1135 Rabbit pAb

Catalog No.: AP0044 **2 Publications**

## Basic Information

### Observed MW

80kDa

### Calculated MW

154kDa/155kDa/156kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

3480/3643

### Swiss Prot

P08069/P06213

### Immunogen

A synthetic phosphorylated peptide around Y1150 of human IGF1RINSR (NP\_001073285.1).

### Synonyms

IGF1R/INSR; Phospho-INSR-Y1150/IGF1R-Y1135

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

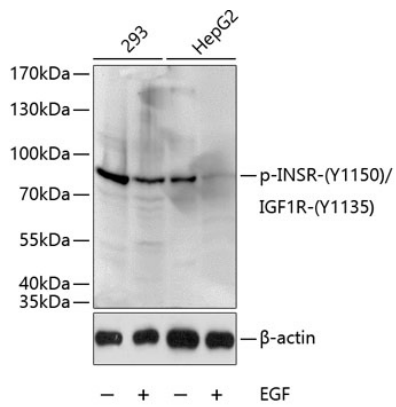
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of 293 and HepG2 cells, using Phospho-INSR-Y1150/IGF1R-Y1135 antibody (AP0044) at 1:1000 dilution. 293 cells were treated by EGF (25µg/mL) for 30 minutes after serum-starvation overnight. HepG2 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.